

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

This Document contains information affecting the National Defense of the United States, within the meaning of Title 18, Sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law. The reproduction of this form is prohibited.

SECRET/CONTROL - U.S. OFFICIALS ONLY
SECURITY INFORMATION

50X1-HUM

COUNTRY	East Germany/USSR	REPORT	
SUBJECT	Werk fuer Fernmeldewesen HF (OSW) Development of a Power Measuring Tube	DATE DISTR.	18 November 1953
DATE OF INFO.		NO. OF PAGES	1 50X1-HUM
PLACE ACQUIRED		REQUIREMENT	
		REFERENCES	50X1-HUM

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

50X1-HUM

1. In 1946, the Russians gave to the Werk fuer Fernmeldewesen HF (OSW) a development task for a power-measuring tube. This tube received the OSW type number OSW 2181. The whole of OSW's output (volume unknown) after the successful development of this tube went to the USSR.
2. In about early 1952, the Russians asked for all drawings and technical data on this power-measuring tube. They took these away, so that today there are only some blue-prints left in OSW.
3. This tube is now (1953) being made only to special orders placed by the Russians.
4. Technical data of OSW 2181

Resistance cold: 3.1 ohms
" hot: c. 30 ohms at 0.65 W
Wave-length: 2 cms
Power: 0.65 W.

SECRET/CONTROL - U.S. OFFICIALS ONLY

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC		ORR Ev	X	OSI Ev	X
-------	---	------	---	------	---	-----	---	-----	--	-----	--	--------	---	--------	---

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#")